

## RADIATION DETECTOR THAT ADJUSTS OFFSET COMPONENT

### ABSTRACT OF THE DISCLOSURE

A radiation detector including a detection member, a first driver, an integration amplifier, and a first adjustment member. The detection member includes a plurality of pixels and is configured to generate a first charge. Further, the first driver is configured to supply the detection member with a first predetermined voltage so that the detection member generates the first charge, and the integration amplifier is configured to amplify the first charge generated from the detection member. In addition, the first adjustment member is provided in between the detection member and the integration amplifier, and is configured to adjust an offset component included in the first charge to be amplified by the integration amplifier.

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